



PTO/SB/17-(10-03)

Approved for use through 07/31/2006. OMB 0651-0032

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 180.00)

Complete if Known

Application Number	09/870,944
Filing Date	June 1, 2001
First Named Inventor	Michael I. Catherwood
Examiner Name	Chat C. Do
Art Unit	2124
Attorney Docket No.	068354.1443

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

02-0383

Baker Botts L.L.P.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	PAUL N. KATZ	Registration No. (Attorney/Agent)	35,917	Telephone	713.229.1343
Signature	<i>Paul N. Katz</i>	Date	July 19, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Michael I. Catherwood

Group Art Unit: **2124**

Examiner: Chat C. Do

Attney. Docket No. 068354.1443

Client Ref.: **MTI-1738.US.0**

CERTIFICATE OF MAILING VIA EXPRESS MAIL

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INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that listed on the attached PTO-1449 form be considered and cited in the examination of the identified application. A copy of the cited references is enclosed for the use of the Examiner.

Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

180.00 DP

HOU02:995917.1

USSN 09/870.944

Information Disclosure Statement

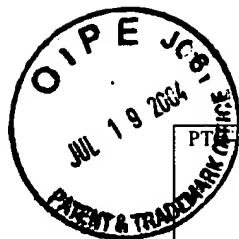
As this Information Disclosure Statement is being submitted along with a Response to Office Action, Applicants enclose a check in the amount of \$180.00. Applicants believe that no further fee is required, however, if an additional fee is required, please accept this transmittal as a petition therefor and charge any fee to Baker Botts L.L.P. (*formerly, Baker & Botts, L.L.P.*) Deposit Account No. 50-2148, Order No. (068354.1443) for any other charges necessary for the filing of this Information Disclosure Statement.

BAKER BOTTS L.L.P. (31625)

Date: July 19, 2004

By: 

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Houston, Texas 77002-4995
Telephone: 713.229.1343
Facsimile: 713.229.7743
AGENT FOR APPLICANTS



PT# 449 Information Disclosure Citation in an Application	Patent No. 09/870,944	Applicant(s) Michael I. Catherwood	
	Docket Number 068354.1443	Group Art Unit 2124	Filing Date June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	3771146	11/73	Cotton et al.	710	260	
	B.	3781810	12/25/73	Downing	712	228	
	C.	3886524	5/75	Appelt, Daren R.	710	110	
	D.	4025771	5/77	Lynch et al.	708	521	
	E.	4074353	2/78	Woods et al.	710	264	
	F.	4090250	5/78	Carlson et al.	712	234	
	G.	4379338	4/83	Nishitani et al.	708	552	
	H.	4398244	8/9/83	Chu et al.	712	244	
	I.	4451885	5/84	Gerson et al.	708	200	
	J.	4472788	9/18/84	Yamazaki	708	209	
	K.	4481576	11/6/84	Bicknell	711	217	
	L.	4488252	12/11/84	Vassar	708	505	
	M.	4511990	4/16/85	Hagiwara et al.	708	501	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	N.	0 855 643 A1	29-07-98	EP				
	O.	0 554 917 A2	11-08-93	EP				
	P.							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	Q.	Moon B I et al.: "A 32-bit RISC Microprocessor with DSP Functionality: Rapid Prototyping" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP, vol. E84-A no. 5, pages 1339-1347, XP001060025 ISSN: 0916-8508	May 2001
	R.	Turley J: "Balancing Conflicting Requirements When Mixing RISC, DSPs" Computer Design, Pennwell Publ. Littleton, Massachusetts, IS, vol. 37, no. 10, pages 46, 48, 50-53, XP000860706 ISSN:0010-4566	October 1998
	S.	Levy M: "Microprocessor and DSP Technologies Unite for Embedded Applications" EDN Electrical Design News, Cahners Publishing Co., Newtown Massachusetts, US, no. Europe, pages 73-74, 76, 78-80, XP000779113 ISSN: 0012-7515	2 March 1998
	T.		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Information Disclosure Citation in an Application	Patent No. 09/870,446	Applicant(s) Michael I. Catherwood	
	Docket Number 068354.1443	Group Art Unit 2124	Filing Date June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	4556938	12/3/85	Parker et al.	712	241	
	B.	4626988	12/2/86	George	712	241	
	C.	4730248	3/8/88	Watanabe et al.	712	228	
	D.	4779191	10/88	Greenblatt, Richard	711	2	
	E.	4782457	11/1/88	Cline	708	205	
	F.	4807172	2/21/89	Nukiyama	708	209	
	G.	4829460	5/9/89	Ito	708	209	
	H.	4829420	5/9/89	Stahle	711	200	
	I.	4841468	6/89	Miller et al.	708	625	
	J.	4839846	6/13/89	Hirose et al.	708	497	
	K.	4872128	10/3/89	Shimizu	708	209	
	L.	4882701	11/21/89	Ishii	712	241	
	M.	4926371	5/90	Vassiliadis et al.	708	628	

FOREIGN PATENT DOCUMENTS

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	Docket Number 068354.1443	Group Art Unit 2124	Filing Date June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	4941120	7/10/90	Brown et al.	708	497	
	B.	4943940	7/24/90	New	708	507	
	C.	4959776	9/25/90	Deerfield et al.	711	217	
	D.	4977533	12/11/90	Miyabayashi et al.	708	404	
	E.	4984213	1/8/91	Abdoo et al	365	230.03	
	F.	5007020	4/9/91	Inskeep	711	200	
	G.	5012441	4/30/91	Retter	711	217	
	H.	5032986	7/16/91	Pathak et al.	711	217	
	I.	5038310	8/6/91	Akagiri et al.	708	205	
	J.	5056004	10/8/91	Ohde et al.	712	241	
	K.	5099445	3/24/92	Studor et al.	708	209	
	L.	5101484	3/31/92	Kohn	712	241	
	M.	5117498	5/26/92	Miller , et al.	712	241	

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PTO 449				Patent No.	Applicant(s)		
Information Disclosure Citation in an Application				09/870,446	Michael I. Catherwood		
				Docket Number	Group Art Unit	Filing Date	
				068354.1443	2124	June 1, 2001	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	5121431	6/92	Wiener, Michael J.	713	174	
	B.	5122981	6/16/92	Taniguchi	708	497	
	C.	5155823	10/13/92	Tsue	711	217	
	D.	5197140	3/23/93	Balmer	711	222	
	E.	5197023	3/23/93	Nakayama	708	505	
	F.	5206940	4/27/93	Murakami et al.	711	218	
	G.	5212622	5/18/93	Cocanougher et al.	708	508	
	H.	4408274	10/93	Wheatley et al.	711	163	
	I.	5276634	1/4/94	Suzuki et al.	708	497	
	J.	5282153	1/25/94	Bartkowiak et al.	708	233	
	K.	5327566	7/5/94	Forsyth	710	260	
	L.	5327543	7/5/94	Miura et al.	712	224	
	M.	5379240	1/3/95	Byrne	708	209	
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PTO 1449				Patent No. 09/870,446	Applicant(s) Michael I. Catherwood			
Information Disclosure Citation in an Application				Docket Number 068354.1443	Group Art Unit 2124	Filing Date July 19, 2001		
U.S. PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A.	5422805	6/95	McIntyre et al.	708	625		
	B.	5448703	9/5/95	Amini et al.	710	110		
	C.	5448706	9/5/95	Fleming et al.	711	217		
	D.	5463749	10/31/95	Wertheizer et al.	711	110		
	E.	5469377	11/21/95	Amano	708	497		
	F.	5471600	11/28/95	Nakamoto	711	5		
	G.	5497340	3/5/96	Uramoto et al.	708	552		
	H.	5499380	3/12/96	Iwata et al.	711	212		
	I.	5517436	5/96	Andreas et al.	708	524		
	J.	5548544	8/20/96	Matheny et al.	708	497		
	K.	5568380	10/96	Broadnax et al.	700	79		
	L.	5568412	10/22/96	Han et al.	708	497		
	M.	5596760	1/21/97	Ueda	712	244		
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O-1449	Patent No.	Applicant(s)	
	09/870,446	Michael I. Catherwood	
Information Disclosure Citation in an Application	Docket Number	Group Art Unit	Filing Date
	068354.1443	2124	June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	5600813	2/4/97	Nakagawa et al.	711	217	
	B.	5619711	4/8/97	Anderson	712	221	
	C.	5642516	6/97	Hedayat et al.	710	260	
	D.	5638524	6/10/97	Kiuchi et al.			
	E.	5651121	7/22/97	Davies			
	F.	5657484	8/12/97	Scarrá			
	G.	5682339	10/28/97	Tam			
	H.	5689693	11/18/97	White	712	224	
	I.	5694350	12/2/97	Wolrich et al.	708	497	
	J.	5696711	12/9/97	Makineni	708	497	
	K.	5706460	1/6/98	Craig et al.	712	204	
	L.	5715470	2/3/98	Asano et al.	375	341	
	M.	5740095	4/98	Parant, Phillippe	708	628	

FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	5737570	4/7/98	Koch	711	149	
	B.	5740419	4/14/98	Potter	712	241	
	C.	5748516	5/5/98	Goddard et al.	708	497	
	D.	5765216	6/98	Weng et al.	711	214	
	E.	5764555	6/9/98	McPherson et al.	708	497	
	F.	5774711	6/30/98	Henry et al.	712	244	
	G.	5778416	7/7/98	Harrison et al.	711	5	
	H.	5790443	8/4/98	Shen et al.	708	491	
	I.	5808926	9/15/98	Gorshtein et al.	708	497	
	J.	5812439	9/22/98	Hansen	708	497	
	K.	5826096	10/20/98	Baxter	712	24	
	L.	5825730	10/20/98	Nishida et al.	369	443	
	M.	5828875	10/27/98	Halvarsson et al.	712	241	

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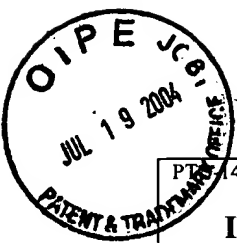
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Patent No. 09/870,446				Applicant(s) Michael I. Catherwood				
Docket Number 068354.1443				Group Art Unit 2124		Filing Date June 1, 2001		
Information Disclosure Citation in an Application								
U.S. PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A.	5862065	1/19/99	Muthusamy	708	521		
	B.	5880984	3/9/99	Burchfiel et al.	708	501		
	C.	5892697	4/6/99	Brakefield	708	496		
	D.	5892699	4/6/99	Duncan et al.	708	628		
	E.	5894428	4/13/99	Harada	708	306		
	F.	5909385	6/1/99	Nishiyama et al.	708	630		
	G.	5917741	6/29/99	Ng.	708	497		
	H.	5930503	7/27/99	Drees	713	11		
	I.	5930159	7/27/99	Wong	708	550		
	J.	5944816	8/99	Dutton et al.	712	215		
	K.	5936870	8/99	Im, Jin Hyeock	708	552		
	L.	5938759	8/17/99	Kamijo	712	209		
	M.	5943249	8/24/99	Handlogten	708	496		
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PTA 1449 Information Disclosure Citation in an Application	Patent No. 09/870,446	Applicant(s) Michael I. Catherwood	
	Docket Number 068354.1443	Group Art Unit 2124	Filing Date June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	5941940	8/24/99	Prasad et al.	708	523	
	B.	5951679	9/14/99	Anderson, et al.	712	241	
	C.	5951627	9/14/99	Kiamilev et al.	708	404	
	D.	5991787	11/23/99	Abel et al.	708	400	
	E.	5996067	11/30/99	White	712	224	
	F.	6009454	12/28/99	Dummermuth	718	108	
	G.	6014723	1/11/00	Tremblay et al.	711	1	
	H.	6026489	2/15/00	Wachi et al.	712	241	
	I.	6044392	3/28/00	Anderson et al.	708	551	
	J.	6044434	3/28/00	Oliver	711	110	
	K.	6061783	5/00	Harriman, Ward	712	224	
	L.	6061711	5/00	Song et al.	718	108	
	M.	6058409	5/2/00	Kozaki et al.	708	409	

FOREIGN PATENT DOCUMENTS

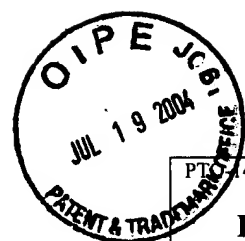
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PT 449 Information Disclosure Citation in an Application	Patent No. 09/870,446	Applicant(s) Michael I. Catherwood	
	Docket Number 068354.1443	Group Art Unit 2124	Filing Date June 1, 2003

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	6058410	5/2/00	Sharangpani	708	551	
	B.	6058464	5/2/00	Taylor	711	217	
	C.	6061780	5/9/00	Shippey, et al.	712	204	
	D.	6076154	6/13/00	Van Eijndhoven et al	712	24	
	E.	6101599	8/00	Wright et al.	712	228	
	F.	6101521	8/8/00	Kosiec	708	550	
	G.	6115732	9/5/00	Oberman et al.	708	625	
	H.	6128728	10/3/00	Dowling	712	228	
	I.	6134574	10/17/00	Oberman et al.	708	551	
	J.	6144980	11/00	Oberman, Stuart F.	708	627	
	K.	6145049	11/7/00	Wong	710	267	
	L.	6205467	3/01	Lambrecht et al.	718	108	
	M.	6243804	6/01	Cheng, Chuck Cheuk-wing	712	228	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	N.							
	O.							
	P.							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	Q.		
	R.		
	S.		
	T.		
	U.		

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PT 1449 Information Disclosure Citation in an Application	Patent No.	Applicant(s)	
	09/870,446	Michael I. Catherwood	
	Docket Number	Group Art Unit	Filing Date
	068354.1443	2124	June 1, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	6295574	9/01	MacDonald, James R.	710	261	
	B.	6377619	4/02	Denk et al.	708	322	
	C.	6412081	6/02	Koscal et al.	714	34	
	D.	6487654	11/02	Dowling, Eric M.	712	244	
	E.	6633970	10/03	Clift et al.	712	217	
	F.	6523108	2/03	James et al.	712	224	
	G.	6564238	5/03	Kim et al.	708	513	
	H.						
	I.						
	J.						
	K.						
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	M.						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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